

Office of Science (SC) 2005 Workshop on Facilities and Infrastructure



Energy Facility Contractors Group Infrastructure Management Working Group



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Overview of new Infrastructure Management Working Group initiatives



- **Discuss the Energy Facility Contractors Group (EFCOG) as a vehicle for sharing best practices**
- **Define the purpose, structure, and initiatives of the Infrastructure Management Working Group (IMWOG)**
- **Review IMWOG's accomplishments to date**
- **Summarize IMWOG's plans for the coming year**

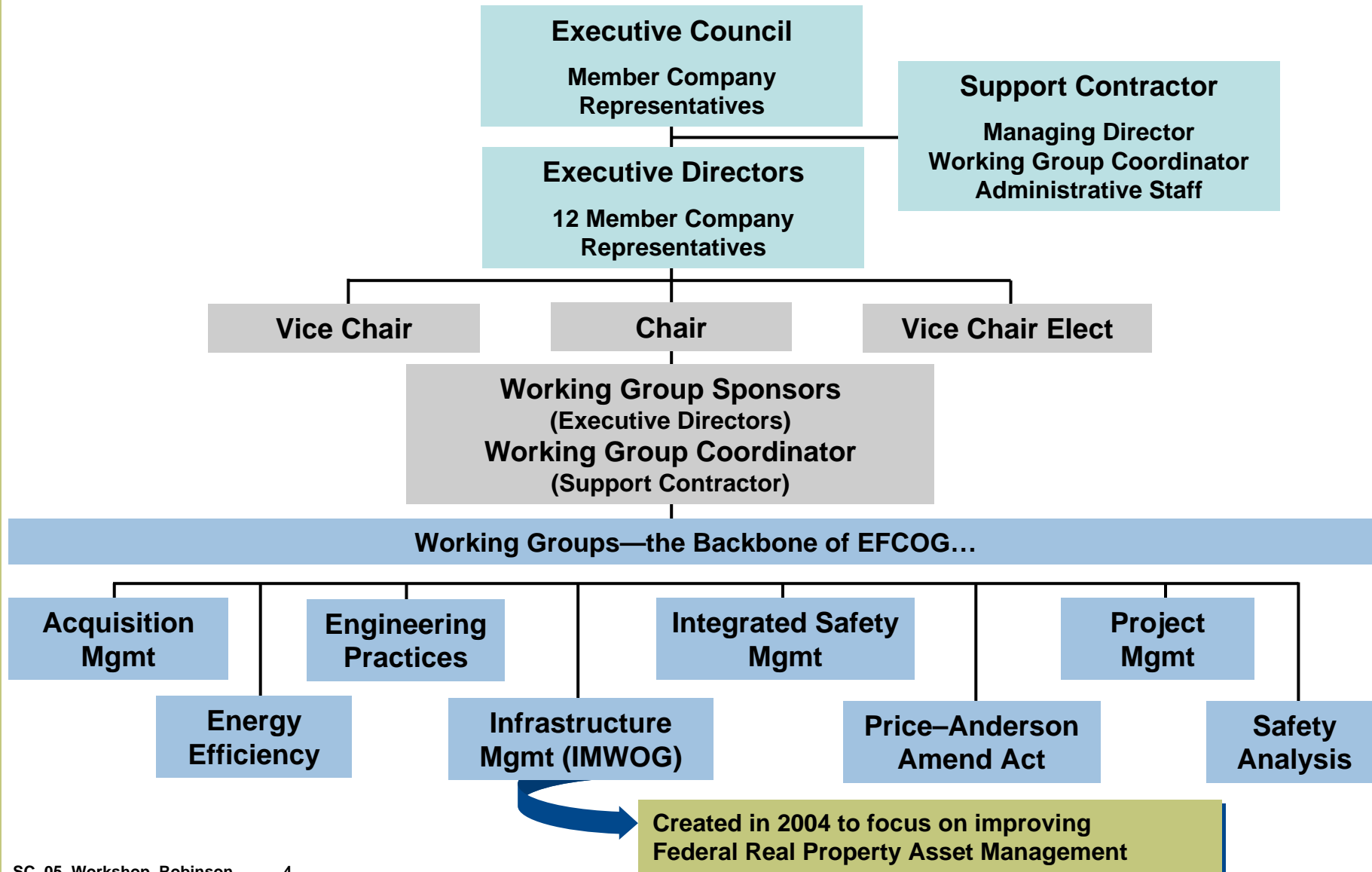
EFCOG works in tandem with DOE sponsors to address critical issues in the complex



- Promotes excellence in all aspects of the operation, management, and integration of DOE facilities in a safe, environmentally sound, efficient, and cost-effective manner
- Provides for the exchange of information useful to the membership in enhancing excellence in operations
 - Lessons learned and best management practices;
 - Industry benchmarks and standards;
 - Appraisal findings and resolutions;
 - Advances in technical and managerial areas; and
 - New ideas and practices
- Membership includes 48 of the largest DOE contractors

Promotes a professional and cooperative relationship with the DOE to achieve operational excellence

EFCOG is a group of DOE contractors committed to improving the cost effectiveness of operations



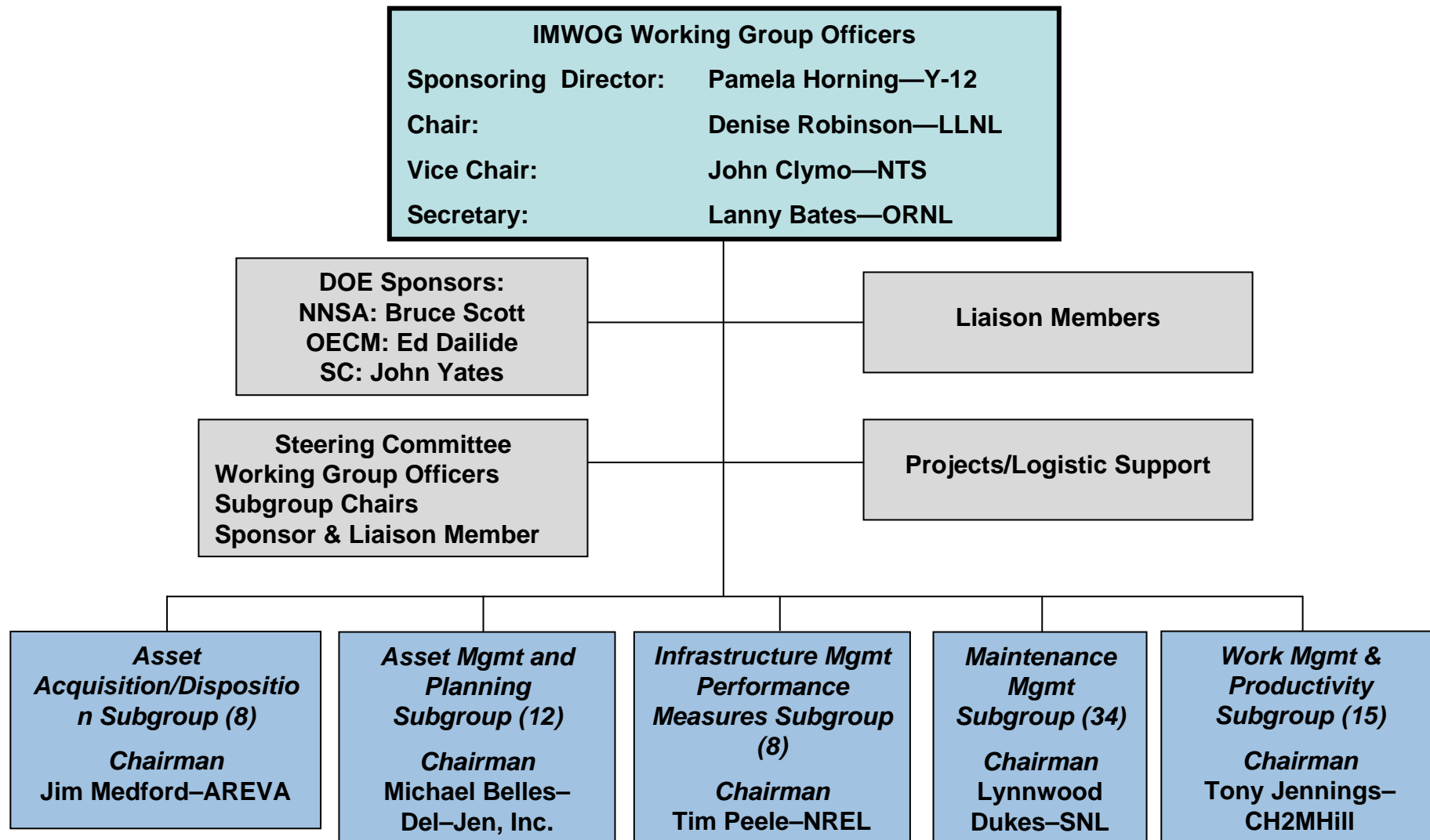
The Infrastructure Management Working Group (IMWOG) focuses on five critical aspects of Facility Management to improve performance



- **Purpose is to provide a forum to exchange infrastructure management best practices with all the DOE sites**
- **Share expertise in Infrastructure Management and provide strategic advice**
- **The five focus areas include:**
 - **Asset Acquisition / Disposition**
 - **Asset Management and Planning**
 - **Infrastructure Management Performance Measures**
 - **Maintenance Management**
 - **Work Management and Productivity**

IMWOG supports Facility Management as the foundation of a responsive infrastructure

IMWOG promotes excellence in Infrastructure Management



The focus is consistent with the President's Management Agenda and the recent National Academies of Science Report



Initiatives	Asset Acq/Disp.	Asset Mgmt & Plann	Infrast Mgmt. Perf Meas	Maint Mgmt	Work Mgmt & Product.
Improve Performance Measures			X		
Share Best Practices/Benchmarking	X	X	X	X	X
Improve consistency of implementation	X	X	X	X	X
Integrity of data management		X	X		
Require training and certification		X		X	
Eliminate excess property	X				
Pursue alternative finance	X				
Expand Small Business partnerships	X				

All of the subgroups share best practices and lessons learned

The Asset Acquisition/Disposition Subgroup—shares innovations in facility acquisition and demolition



- **Guidelines and recommendations for alternate financing approaches**
- **D&D of excess facilities**
- **Approaches for space bank negotiations and management**
- **Expansion of the role of small business in Infrastructure Management**

The Asset Management Planning Subgroup—focuses on areas of RPAM implementation and facility management training



- **RPAM implementation and asset management**
- **Recommendations for Ten Year Site Plans to provide consistency and improvements across the complex**
- **FIMS/CAIS data consistency, uses, and quality**
- **Training and certifications standards for Facility Management professionals**

Infrastructure Management Performance Measures

Subgroup—focuses on identification of key indicators for excellence in Facility Management



- **Metrics/performance measures used in infrastructure and asset management**
- **Developing a subject matter expert (SME) matrix for the EFCOG website**
- **Benchmarking**
- **Post best practices / lessons learned on the EFCOG website**

Maintenance Management Subgroup—focuses on excellence in maintenance management



- **Annual maintenance costs**
- **Operating and maintenance practices and guidelines**
- **Elimination of deferred maintenance**
- **Deferred maintenance reporting and trending, mission-essential facilities, and progress on meeting NNSA commitments**

The Work Management and Productivity Subgroup— currently focuses on productivity and consistency of implementation



- **Develop guidelines for work management productivity**
- **Post work management concepts on the website**
- **Identify and define common terms**

IMWOG has had a productive first year



- **Call for membership issued for the five subgroups—we are in the early stages of growth—total ~80 members**
- **Provided TYCSP input to NSNA regarding Replacement-In-Kind (R-I-K), Security Infrastructure, and Space Utilization**
- **Held an NNSA M&O contractors workshop January 2005 regarding deferred maintenance, 2003 deferred maintenance baseline, mission-essential facilities**
- **Several subgroups have held workshops**
- **Partnering discussions with the Maintenance Subgroup and the Nuclear Security Information Exchange (NSIE)**
- **Drafted a White Paper on operating and maintenance costs**

Planned activities are relevant to the whole DOE community



- Annual meeting is scheduled for October 4–6, 2005 in Livermore, CA—to share best practices and lessons learned in the five focus areas
- Developing an SME listing for the website
- Continuing to build a strong partnership with DOE through teaming on sponsor initiatives